MEASUREMENT BOOK

Test and Final Bill

Date	Full description, etc. of work	Dimensions: Length	Breadth	Depth	Number	Contents	Reference to last Measurement
1	2	4	5	6	3	7	8
	Name of owner : —						
	Estate : —						
	Town Code : —						
	H/A : —						
	Name Block : —						
	T/S : —						
	Tendered Amt. : —						
	Agreement : —						
	Sh. Ty. 5 3/4						
	Yelahanka Neo Town						
	A. Officer						
	Ph. Sector.						
	64						
	14% Small Scale Industries						
	18,58,298-00						
	EE/Yamic/TI/36/2018-19 dtd 25-02-2019						
	EE/Yamic/AE1/AE1/194/2018-19 dtd 25-02-2019						
	Name of Work : Providing 2 nos 17th 2 core 63 sq.mm Aluminium conductor XLPE insulated underground cable from 66/11 kV Yamic Substation to 11 kV Switching station at Kempegowda Nagar in Yelahanka Ward No-07						
1/1	Date : 17-07-2019 to 17-08-2019						

Date : 21.8.19
Pers: dmy
1:45:8

M. A. R. 57 (Rule 116) No. D

Measurement Book

117318

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Early work Excavation for foundation of building water Supply sanitary line and Electrical conduits called in pits or in trenches 1.50m and above in width in ordinary soil not exceeding 1.50m in depth including dressing the bottom and sides of pits and trenches slightly the excavated soil clear from edges of excavation with lead up to 9.50m after breaking of clods complete as per spn.						
	Qty 271.28 m³ @ Rs 293-00/m³						Rs. 79470-00
	2) providing and laying position plain cement concrete of mix 1:4:8 with ope/ 20mm 180kg with 40mm and down size						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
31	Providing and laying bottom slab and boundary wall with cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) including curing complete as per design and drawing for Drucing Shelling Godowning Complex at Ellem. Dhis new Sity Cross Road P/S.						
	For 1						
	21		30.60		0.90		
	1		16.50		0.15		
	21		16.50		0.90		
					0.15		
					0.75		

Plain Cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) using approved quality cement, coarse sand and graded stone aggregate 40 mm nominal size for bottom slab, retaining wall, counterfort, buttress, shear key, toe wall, heel slab, base slab, curved slab, pedestal, plinth beam, grade beam, string beam, lintel, canopy, shelf, weathering course, kerb, coping, bed block, anchor block, floor finish, surface packing, fillet, haunch, splay, curing, finishing as directed and as per specifications, drawings and instructions of Engineer-in-charge.

Ref. a. 69 cum and 30 kg with 1 cum

Cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) for bottom slab, retaining wall, counterfort, buttress, shear key, toe wall, heel slab, base slab, curved slab, pedestal, plinth beam, grade beam, string beam, lintel, canopy, shelf, weathering course, kerb, coping, bed block, anchor block, floor finish, surface packing, fillet, haunch, splay, curing, finishing as directed and as per specifications, drawings and instructions of Engineer-in-charge.

Cost of steel as month

Ref. 1 Cum of RCC for 400 mm thick wall

0.125 × 0.375 = 6.75 cum
0.125 × 0.75 = 1.55 cum
0.75 × 3.71 = 3.71 cum

Ref. 1

A.E.E

45.

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

117320

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	48.	1 —	8.70	0.90	0.125 =	0.97 m³	
		2 —	8.70	0.15	0.75 =	1.95 m³	
		1 —	9.00	0.90	0.125 =	1.013 m³	
		2 —	9.00	0.15	0.75 =	2.025 m³	
		1 —	30.00	0.90	0.125 =	3.375 m³	
		2 —	30.00	0.15	0.75 =	6.75 m³	
		1 —	16.50	0.90	0.125 =	1.856 m³	
		2 —	16.50	0.15	0.75 =	3.71 m³	
		1 —	9.20	0.90	0.125 =	1.035 m³	
		2 —	9.20	0.15	0.75 =	2.07 m³	

M. A. R. 57 (Rule 116) **No. D**
Measurement Book

117321

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Culvert-	1	6.50	1.50	0.20	1.95 m³	NIL
		2	6.50	0.25	0.80	2.60 m³	
					T.Q	91.50 m³	
	Q 91.50 m³	@ Rs. 6575.28/m³				Rs 601638.00.	
5)	providing and fixing precast rein forced concrete Slabs 10cm thick including cost of rein forcement as per design and drawing material cost- transportation, hire charges of cutting machine cutting the vertical face to get plain even surface etc complete with all leads and lift conveyance charges						

MEASUREMENT BOOK

C&FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	all materials - Labour unloading Earthwork etc complete as per the drawing & direction of the Engineer Unit Cu.m						
	7.20 m						
	Cu.m 7.20 m						
	Quantity as per MB						
	Cement concrete 1:2:4 using 40mm HBG metal						
	6.50						
	1.50						
	@ Rs 5038-00 pm						
	= 7.50 cum						
	Transportation of the Engineer						
	Add 4.45% ST						
	Total Rs.						
	Rs- 36274-00						
	16534-04						
	1659193-00						
	19910 3-46						
	1858296-00						
	1850692						

Name of
Name of Com
Date of commence

Date	Full descrip
	2
Start	Culvert G
End	

R. udrim
36.20
Dead End.

M. A. R. 57 (Rule 116) No. D 117323

Measurement Book

Serial No. ..... Improvt to Roads and drains at Lake View Layout- in Kempegowda ward no-01.

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency. .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Dead End		6nos			6" Cross.		
	Culvert CD.		64.20 mt				
		25.50.			R.C drain		
	R.C drain.						
	36.20		44.50 mt		6" Cross		
	Dead End.						

Executive Engg

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Final						
		1	90				
		2					
			19-20				
			21-8-19				

Gross Amt =Rs 1850627/-
FSD =Rs —
CGST =Rs 16524/-
SGST =Rs 16524/-
IT =Rs 18527/-
LC =Rs 1850/-
CBF =Rs 185/-
Royalty =Rs 14502/-
T.D. =Rs 8641/-
Net Amt=Rs 1764227/-

Audited & Forwarded for Rs. 1850627/-
(Rupees One Million Eight Hundred Fifty Thousand Six Hundred Twenty Seven only)
and Rs. 1764227/-
(Rupees One Million Seven Hundred Sixty Four Thousand Two Hundred Twenty Seven only)
by Cheque/by adjustment

Accts Assistant
Yelahanka Division
BBMP

Sub Divisional Engineer
Yelahanka Sub Division
BBMP

Executive Engineer
Yelahanka Division
BBMP